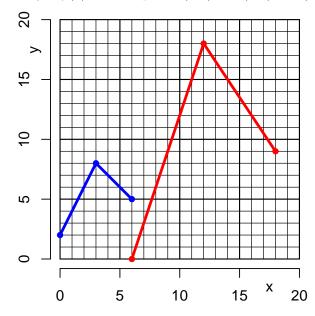
PCW_09_18 Find new points after transformation (version 8)

Question 1

Curve y = f(x) contains points (0,2) and (3,8) and (6,5), as shown on the x-y plane below.



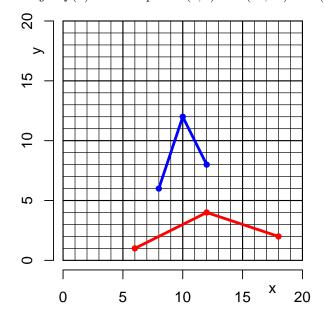
$$y = f(x)$$

On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x}{2} - 3\right] - 6$$

Question 2

Curve y = f(x) contains points (8,6) and (10,12) and (12,8), as shown on the x-y plane below.



y = f(x)

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x}{3} + 6\right]}{2} - 2$$